



US Army corps
Of Engineers
Buffalo District
1776 Niagara Street
Buffalo, Pennsylvania 14207-3199

Notice to Navigation Interests

L05 - 04

Notice No.

Date

Waterway


Lake Erie, Pennsylvania

LRB-TD-ONS

Condition of Federal Navigation Channel Erie Harbor, Erie, Pennsylvania

1. Condition surveys performed within the Federal navigation Channel at Erie, Pennsylvania during the months of August 2004 and September 2004 indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawings.
2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).
3. Vessel operators are advised to use caution when navigating in this area.
4. Copies of the sounding prints for Erie Harbor , consisting of (2) sheets, 04S-ERI-1/1 through 1/2, at a cost of \$2.50 per sheet will be furnished upon receipt of a check in the full amount made payable to: United States Army Engineer District, Buffalo. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, Pennsylvania 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To obtain the Metadata and CADD files and view a color version of this map, point your web browser to <http://www.lrb.usace.army.mil/waterways/survey/survey.html>. Click on the link "SURVEY SECTION" to send a message containing your request.
5. Buffalo district's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Kelly L. Maccarone, Chief of the Survey Section, Buffalo District, and may be contacted by phone at 716-879-4285.

WILLIAM H. TOWNSEND, P.E.
Chief, NY/PA Navigation and
Maintenance Section

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS LESS THAN 400 FEET WIDE)  (ER-1330-2-316)					PAGE 2 OF 5 PAGES DATE			
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED					FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356			
RIVER/HARBOR NAME AND STATE ERIE HARBOR, ERIE, PENNSYLVANIA					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)				
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3	4
(A) ENTRANCE CHANNEL, TO THE INNER END OF THE NORTH PIER.	AUG. SEPT. 2004	500-220	10400 (a)	29	24.5	24.8	24.6	15.5
(B) ENTRANCE CHANNEL, FROM THE INNER END OF THE NORTH PIER TO THE START OF THE INNER HARBOR.	AUG. SEPT. 2004	250-300	1500	28	27.5	27.2	27.3	26.1
(C) NORTHEAST SECTION OF THE INNER HARBOR.	AUG. SEPT. 2004	2200	2200(b)	28	19.4	24.0	24.2	23.3
(D) SOUTHEAST SECTION OF THE INNER HARBOR.	AUG. SEPT. 2004	800	1200 (b)	27	23.4	24.4	23.4	23.5
(E) MIDDLE SECTION OF THE INNER HARBOR.	AUG. SEPT. 2004	2400	1500	21	19.2	18.9	18.8	19.2
(F) WEST SECTION OF INNER HARBOR.	AUG. SEPT. 2004	900-550	2000	18	15.1	15.9	15.9	17.0

REMARKS: (a) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 29 FOOT CONTOUR IN LAKE ERIE.
 (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.



PRESQUE ISLE

LAKE ERIE



MINIMUM DEPTH 15.5'

MINIMUM DEPTH 24.6'

ENTRANCE CHANNEL

(A)

MINIMUM DEPTH 24.5'

MINIMUM DEPTH 24.8'

MINIMUM DEPTH 26.1'

MINIMUM DEPTH 27.3'

N. PIER
S. PIER

MINIMUM DEPTH 27.2'

MINIMUM DEPTH 27.5'

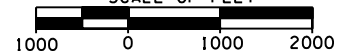
ERIE

ERIE HARBOR, PA.

CHANNEL CONDITIONS

SECTIONS A, B

SCALE OF FEET

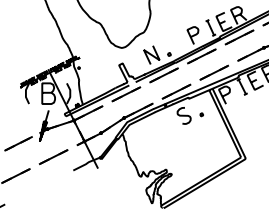


CORPS OF ENGINEERS, BUFFALO, N. Y.



PRESQUE ISLE

ERIE HARBOR



ENTRANCE (A)
CHANNEL

LAKE ERIE

MINIMUM DEPTH 19.4'

MINIMUM DEPTH 23.3'

MINIMUM DEPTH 24.2'

MINIMUM DEPTH 24.0'

(C)

(E)

(D)

MINIMUM DEPTH 24.4'

MINIMUM DEPTH 23.4'

MINIMUM DEPTH 23.5'

MINIMUM DEPTH 23.4'

(F)

MINIMUM DEPTH 17.0'

MINIMUM DEPTH 15.9'

MINIMUM DEPTH 15.9'

MINIMUM DEPTH 15.1'

MINIMUM DEPTH 18.9'

MINIMUM DEPTH 19.2'

MINIMUM DEPTH 18.8'

MINIMUM DEPTH 19.2'

ERIE



ERIE HARBOR, PA.

CHANNEL CONDITIONS

SECTIONS C, D, E, F

SCALE OF FEET



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PRESQUE ISLE

LAKE ERIE

ENTRANCE CHANNEL

(A)

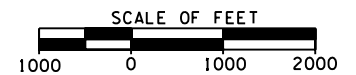
N. PIER
S. PIER



LEGEND

- DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH
- DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH
- DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH

ERIE HARBOR, PA.
CHANNEL CONDITIONS



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ERIE